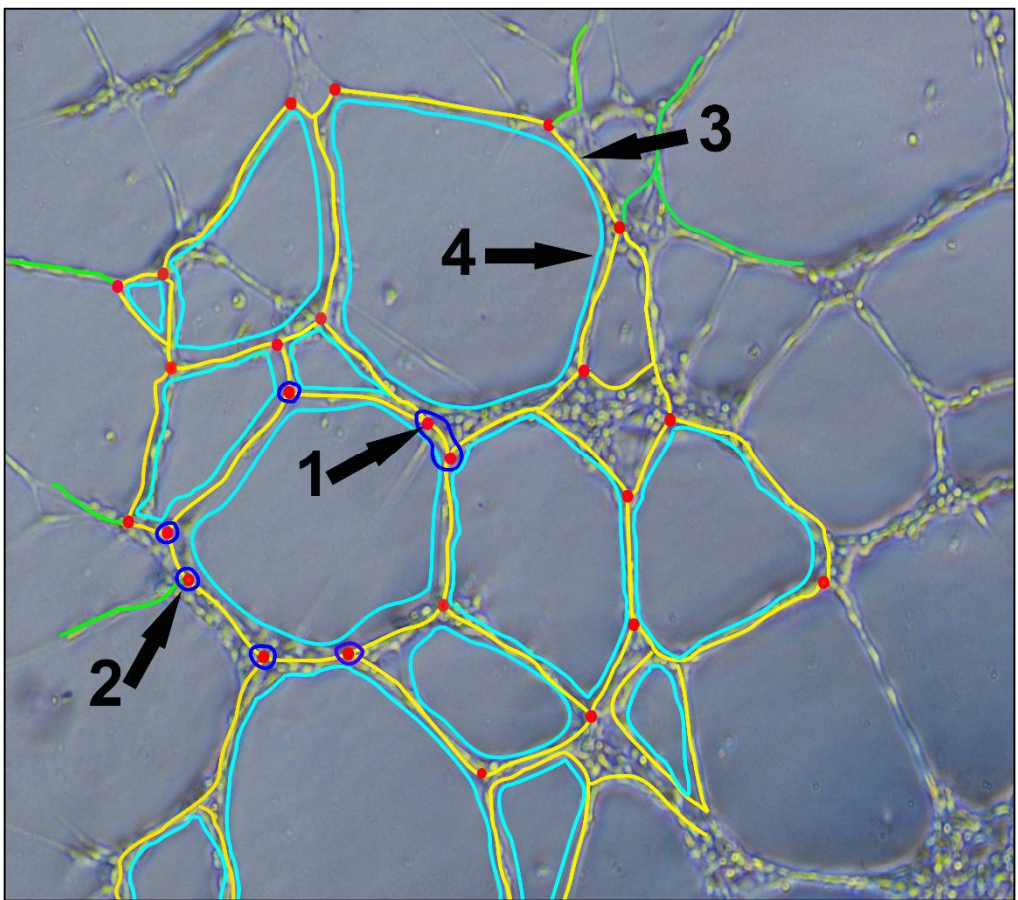


Supplementary Table 1. Sequences of the used human gene primers.

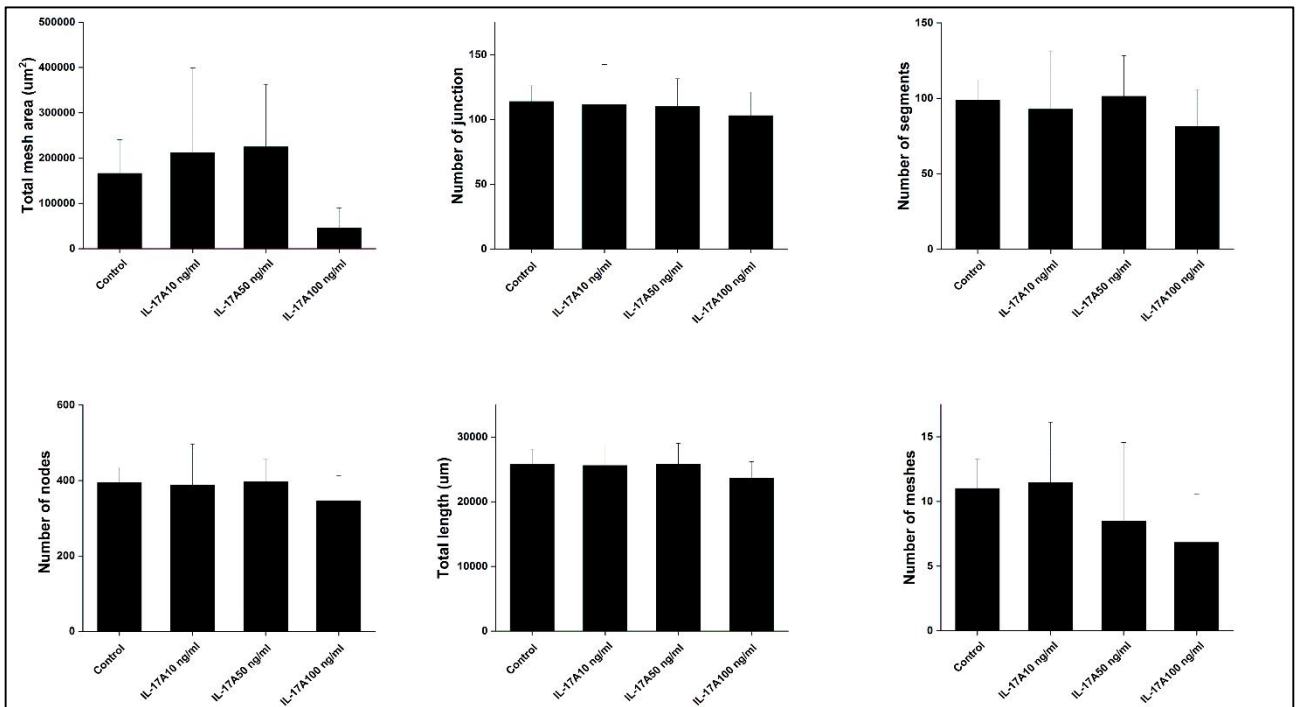
Gene	Forward	Reverse
IL-17F	5'-CCCTGGAATTACACTGTCACTTGG -3'	5'-GAAAGAAACAGAGCAGCCTTGGTG-3'
IL-17RA	5'-CTGGTTCATCACGGGCATCTCC-3'	5'-GGTGGTCGGCTGAGTAGATGATC-3'
IL-17RC	5'-CGTCACTGTGGACAAGGTTCTCG-3'	5'-TCGTGGAGGCTTTGCTGGGTAG-3'
GAPDH	5'-AAGGTCATCCCTGAGCTG-3'	5'-TGCTGTAGCCAAATTCGTTG-3'

GAPDH: Glyceraldehyde 3-phosphate dehydrogenase; IL-17F: Interleukin-17F; IL-17RA:

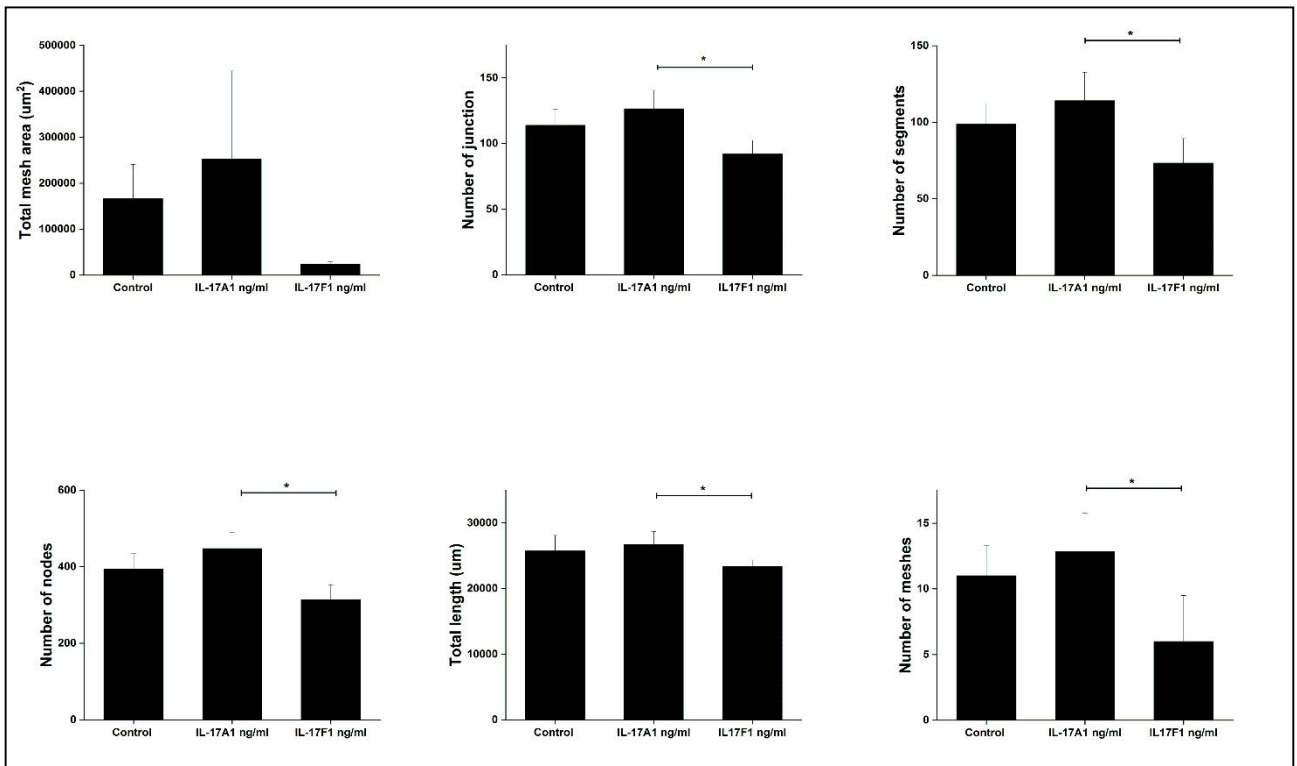
Interleukin-17 Receptor A; IL-17RC: Interleukin-17 Receptor C.



Supplementary Fig. 1 Morphometric analysis of endothelial tube formation assay. Tubes and vascular pattern were analysed using ImageJ software. The following parameters were used for the quantification of the endothelial tube networks: 1) Nodes represent pixels with 3 neighbours as a circular dot; 2) Junctions correspond to nodes or group of fusing nodes; 3) Segments refer to elements delimited by two junctions; 4) Meshes are areas enclosed by segments or master segments.



Supplementary Fig. 2 IL-17A did not show a significant effect on tube-formation parameters of human umbilical vein endothelial cells.



Supplementary Fig. 3 IL-17F at 1 ng/ml induces the tube-formation parameters of human umbilical vein endothelial cells, while IL-17A, at the same concentration, shows an opposite effect.